

# **NAEP 2007**

## **Grade 8 Writing Results**

### **Arizona**

#### **Background Material**

Carrie L. Giovannone  
Arizona NAEP Coordinator  
[Carrie.Giovannone@azed.gov](mailto:Carrie.Giovannone@azed.gov)  
602-542-5031

# Grade 8 Writing

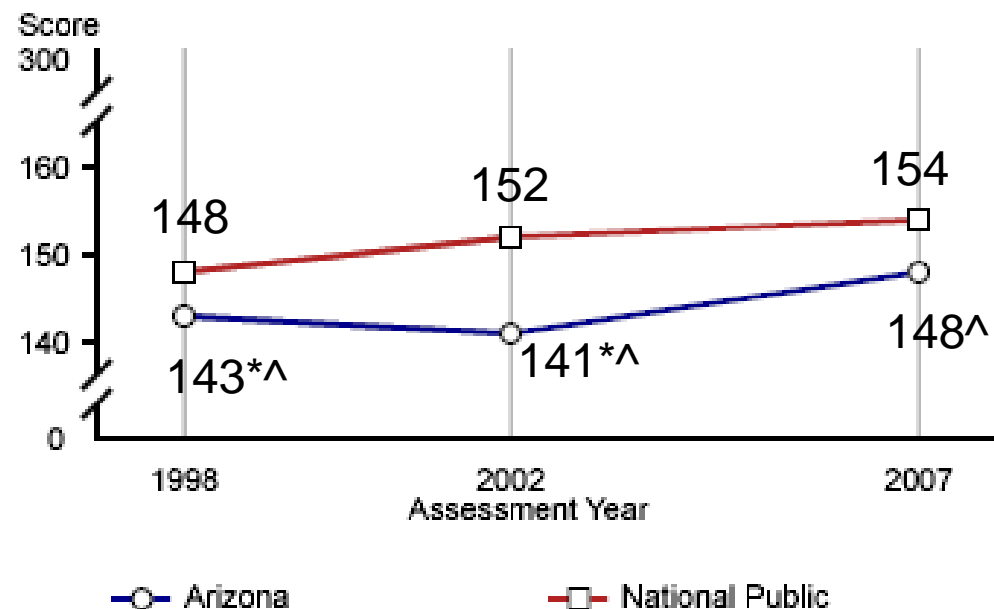
## Average Scale Scores

The 2007 average writing score for Arizona Grade 8 students was 148. This score is significantly higher than past NAEP administrations; however, it is lower than the nation.

Writing scale ranges from 0 to 300.

^ Indicates significantly different from the Nation

\* Indicates significantly different from AZ 2007 score.



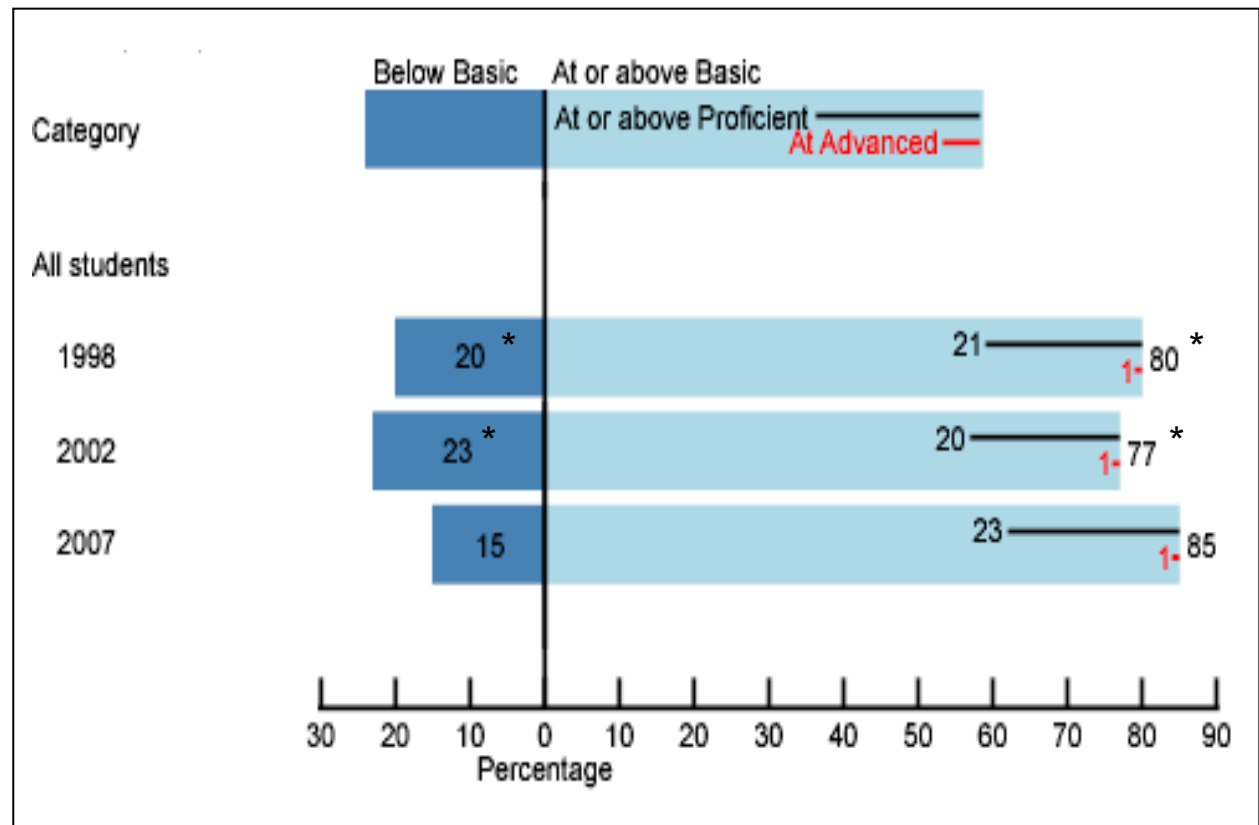
# Grade 8 Writing

## *Upward Shift in Achievement Levels!*

### Achievement Levels

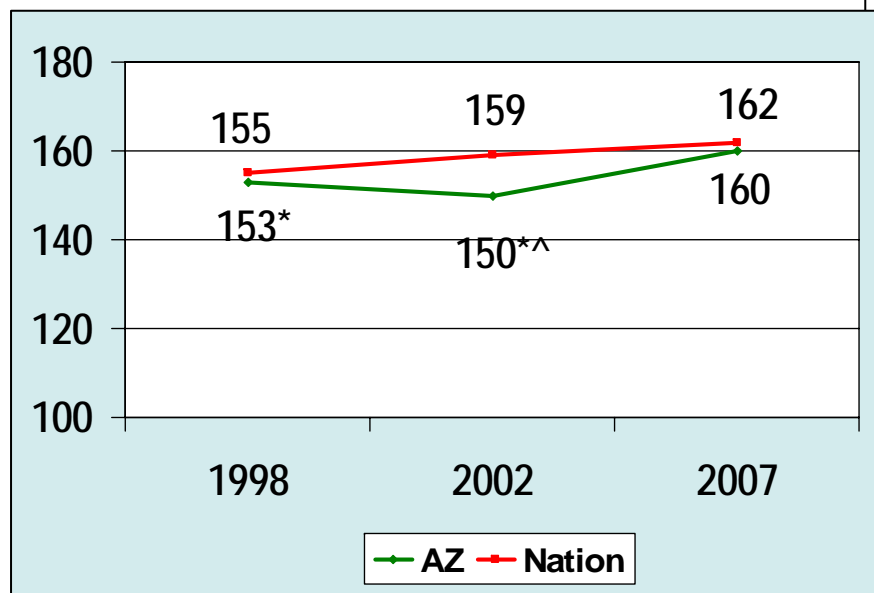
There was an upward shift in achievement levels from 2002 to 2007, both in the Below Basic and Basic and Above!

Writing scale ranges from 0 to 300.  
\* Indicates significantly different from AZ 2007 score.



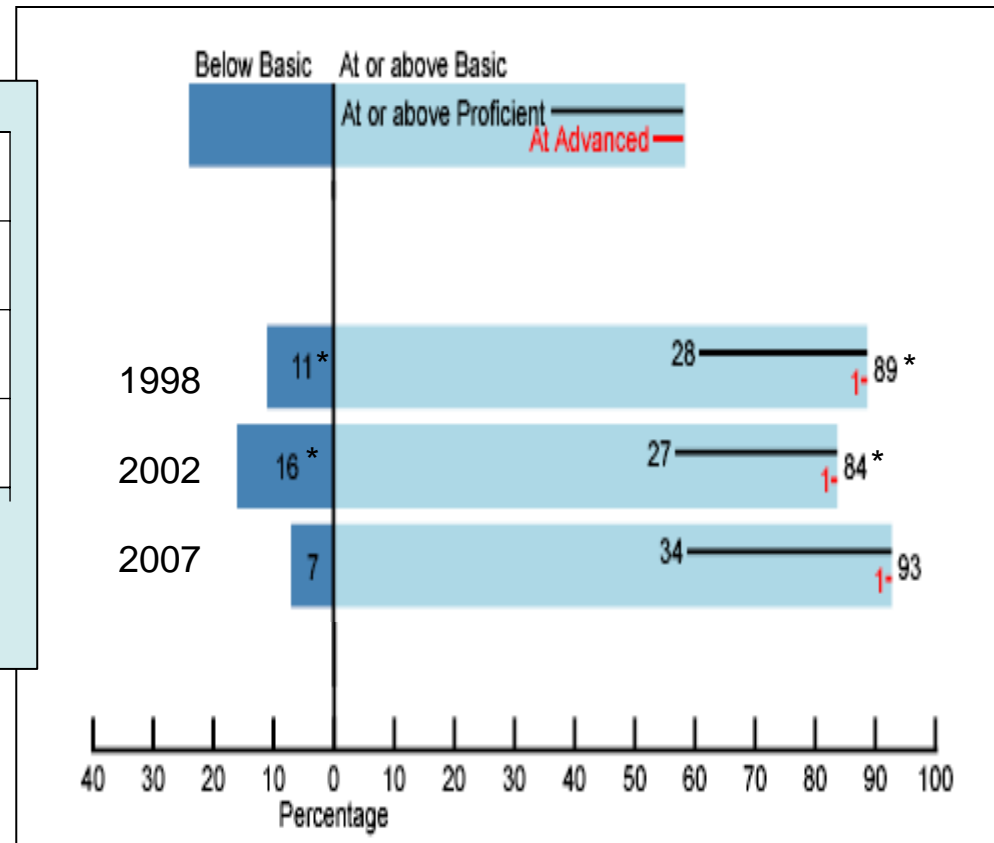
# Grade 8 Writing - White

In 2007, Arizona White students showed a significant difference in average scale score since 2002; as well as, an upward shift from *Below Basic* and *At or Above Basic* from that same year. Arizona White students scored relatively the same as the nation in 2007.



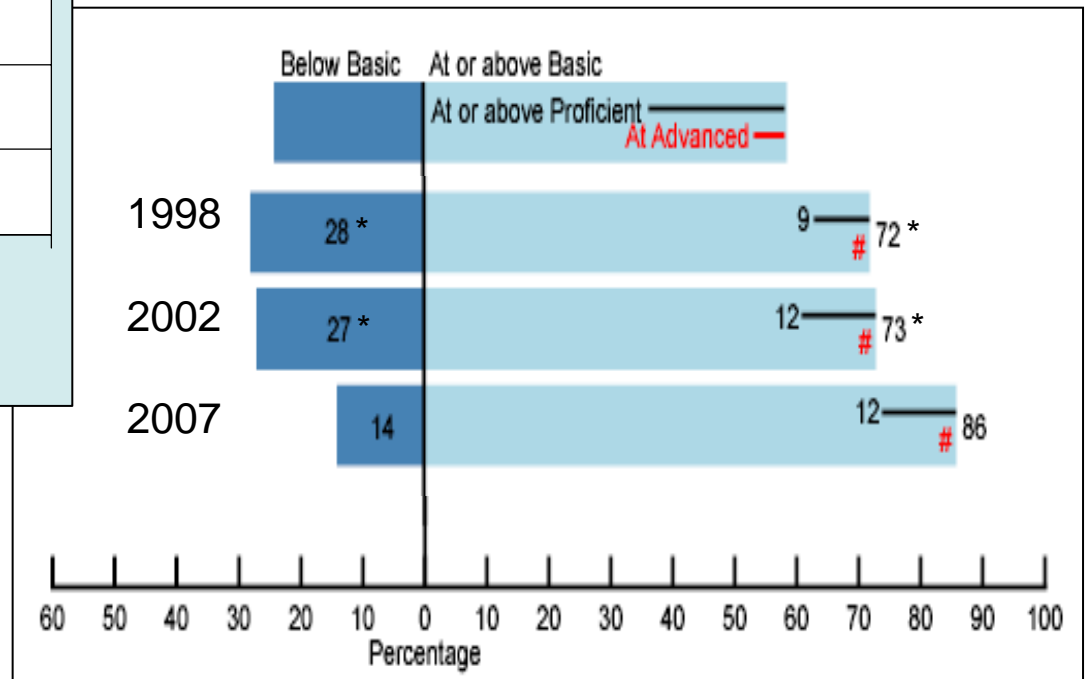
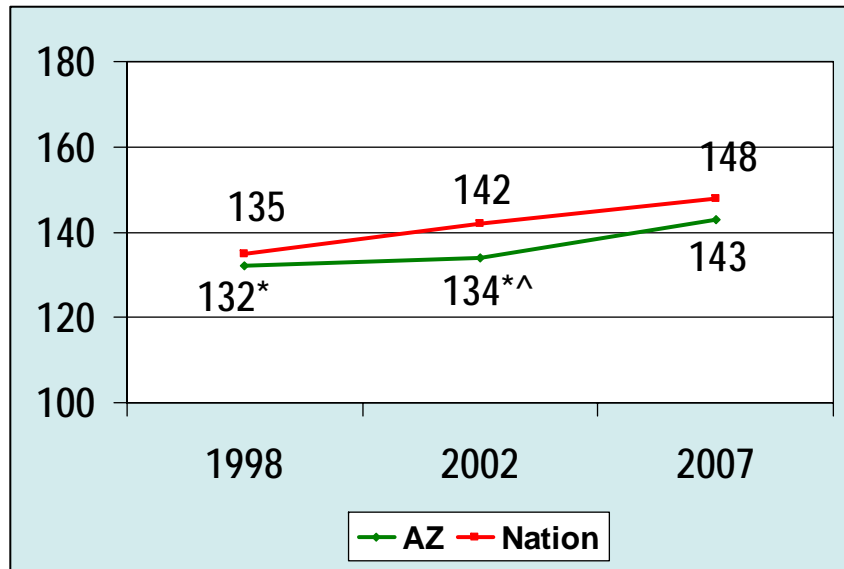
Writing scale ranges from 0 to 300.

\* Indicates significantly different from AZ 2007 score.



# Grade 8 Writing – Hispanic<sup>1</sup>

In 2007, Arizona Hispanic students show a significant difference in average scale score since 2002 and scored relatively the same as their peers in the nation. In addition, an upward shift from *Below Basic* and *At or Above Basic* is significant from 2002 and 1998.



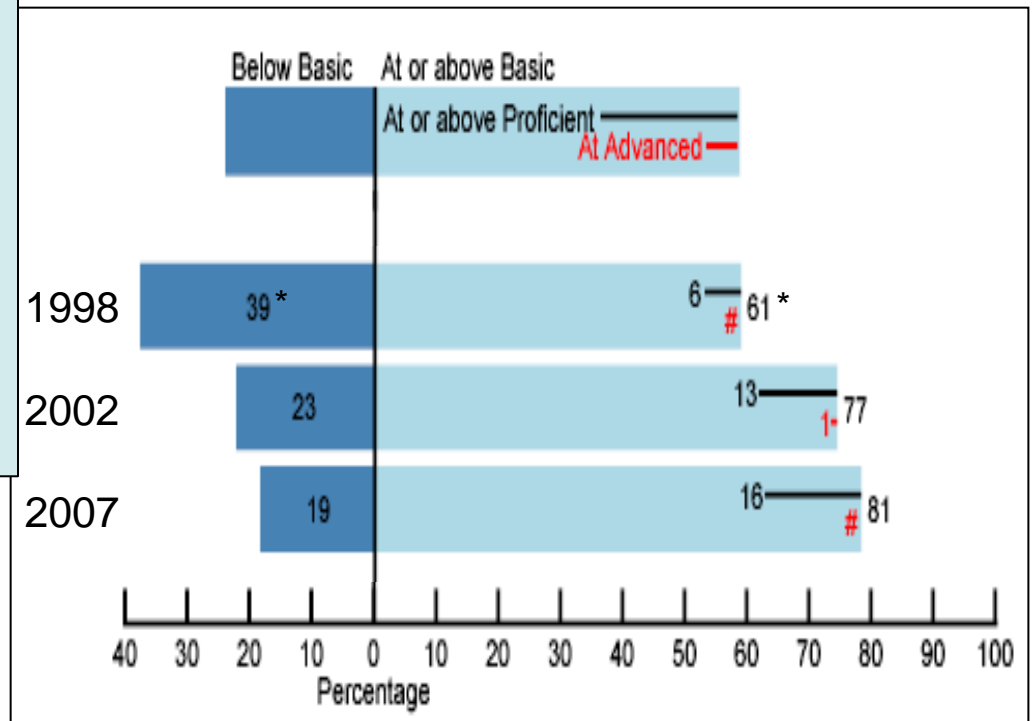
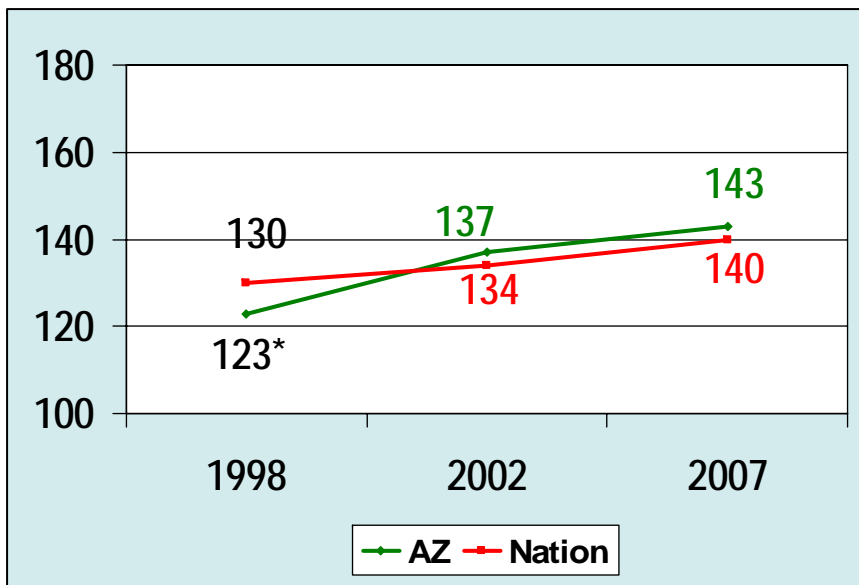
<sup>1</sup>Hispanic non-ELL students

Writing scale ranges from 0 to 300.

\* Indicates significantly different from AZ 2007 score.

# Grade 8 Writing - Black

In 2007, Arizona African American students scored significantly higher than in 1998 and relatively the same as the nation across the years. They also showed a significant upward shift from *Below Basic* and *At or Above Basic* from 1998.

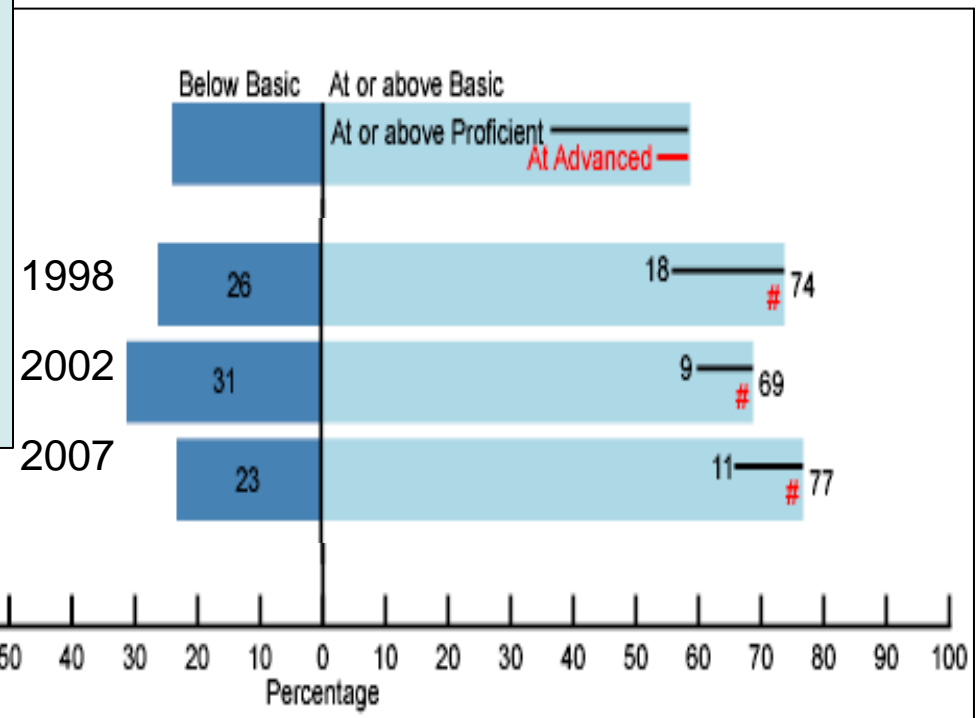
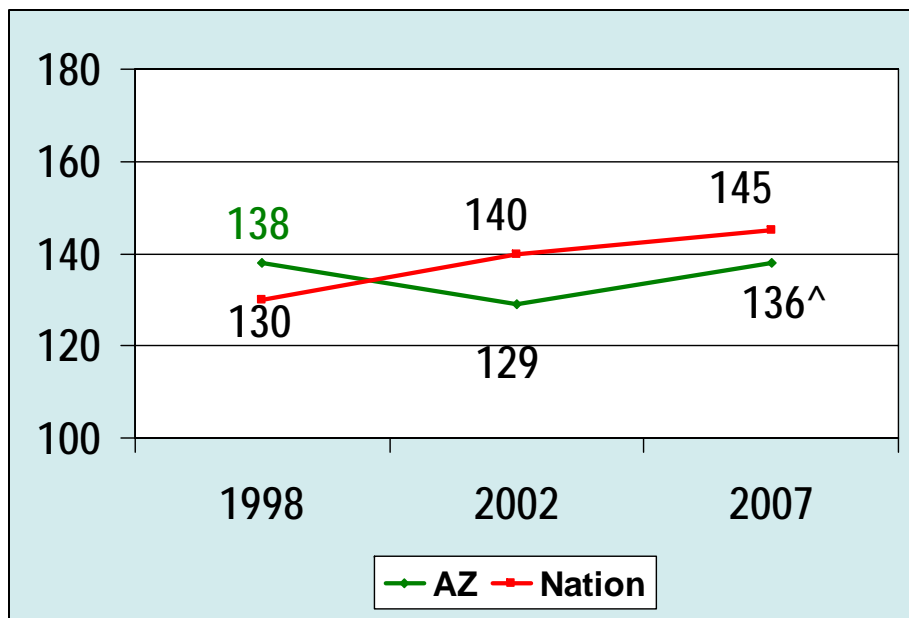


Writing scale ranges from 0 to 300.

\* Indicates significantly different from AZ 2007 score.

# Grade 8 Writing - Native American<sup>1</sup>

The percentage of Arizona Native American students in all achievement levels has remained relatively the same over the last decade and in 2007 scored significantly lower than their peers across the nation.



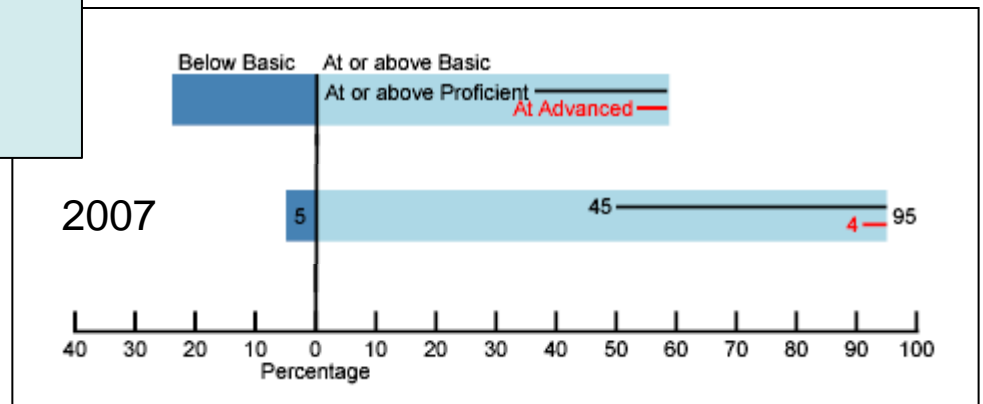
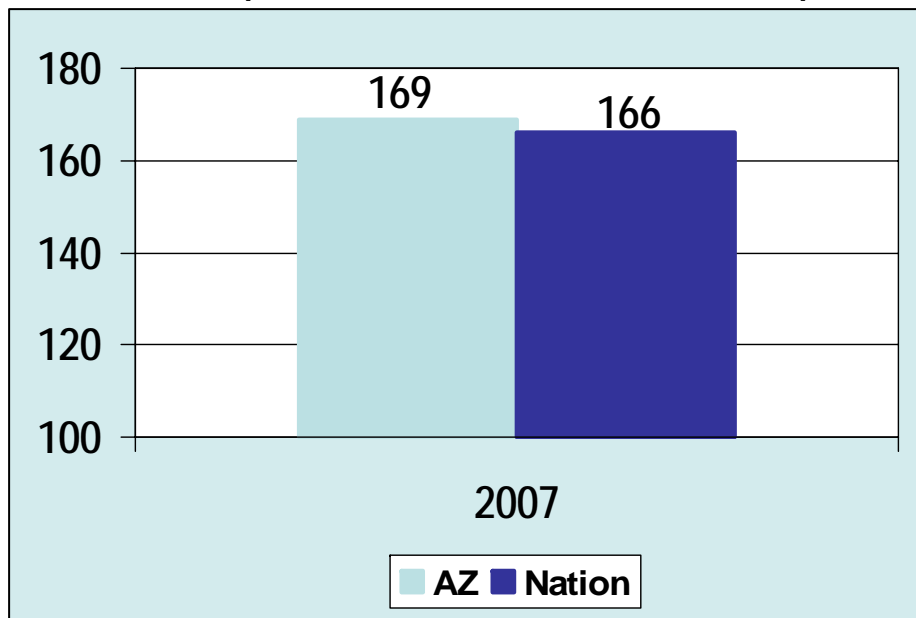
<sup>1</sup> Native American non-ELL students

Writing scale ranges from 0 to 300.

\* Indicates significantly different from AZ 2007 score.

# Grade 8 Writing - Asian

Arizona Asian students scored relatively the same as their peers across the nation in 2007. This was the first year that Arizona had a large enough sample of Asian students to report a score.





# Grade 8 Writing - ELL

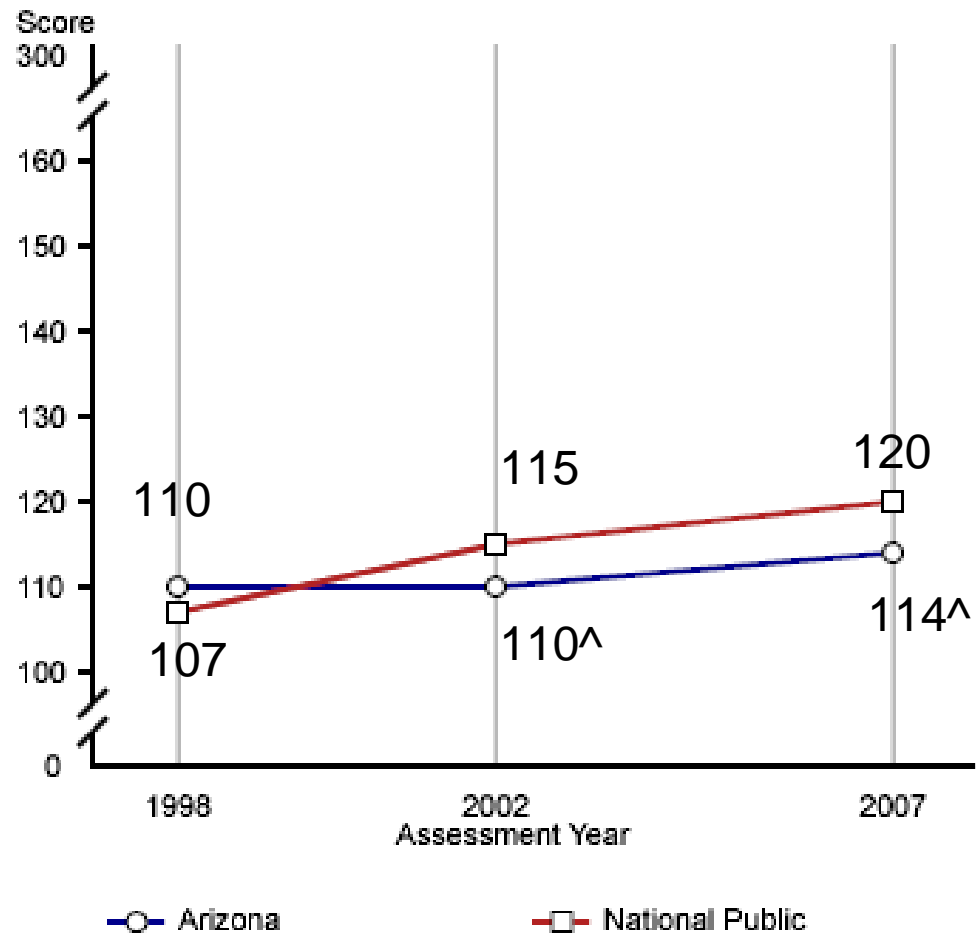
## Average Scale Scores

The 2007 average writing score for Arizona Grade 8 English Language Learner students was 114. This score is significantly lower than the nation.

Writing scale ranges from 0 to 300.

^ Indicates significantly different from the Nation

\* Indicates significantly different from AZ 2007 score.

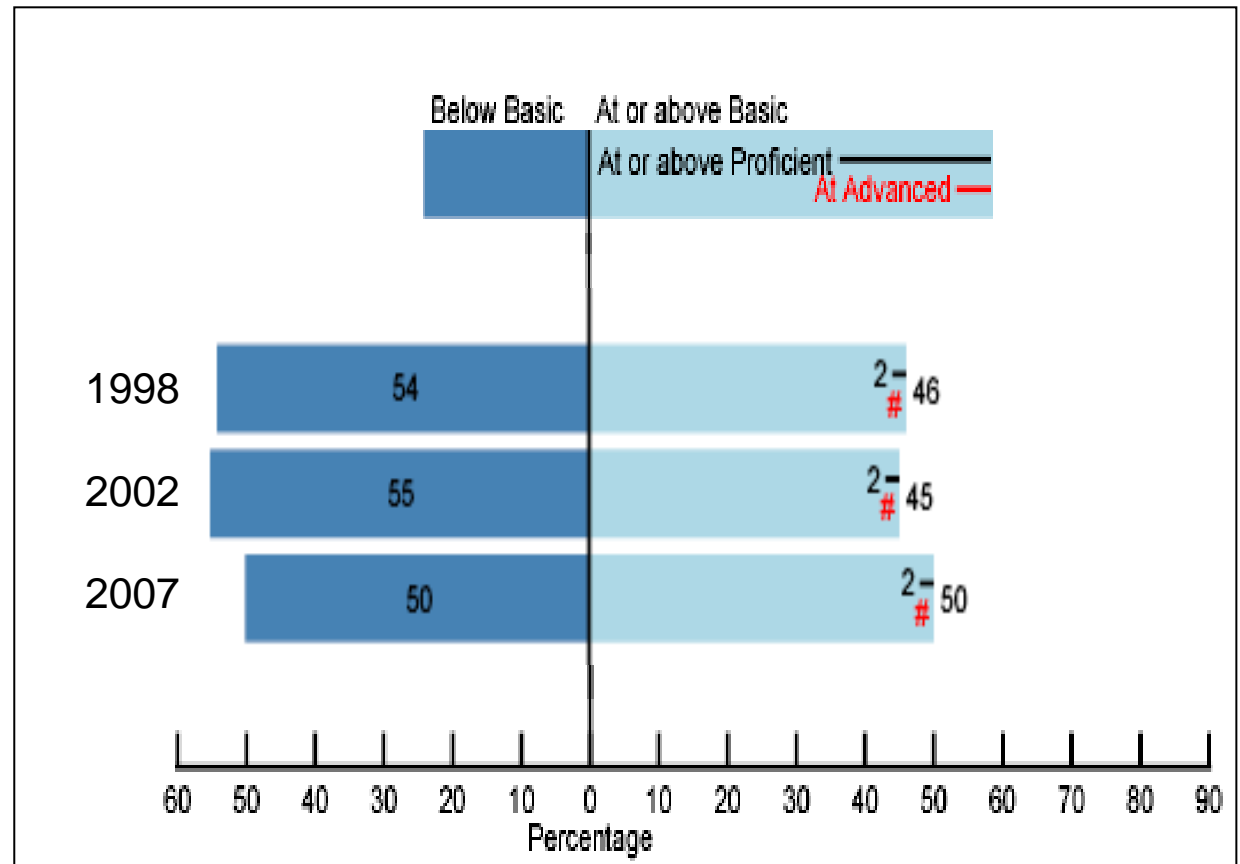


# Grade 8 Writing - ELL

## Achievement Levels

The percentage of Arizona ELL students in all achievement levels has remained the same across years.

Writing scale ranges from 0 to 300.



# Grade 8 Writing - SD

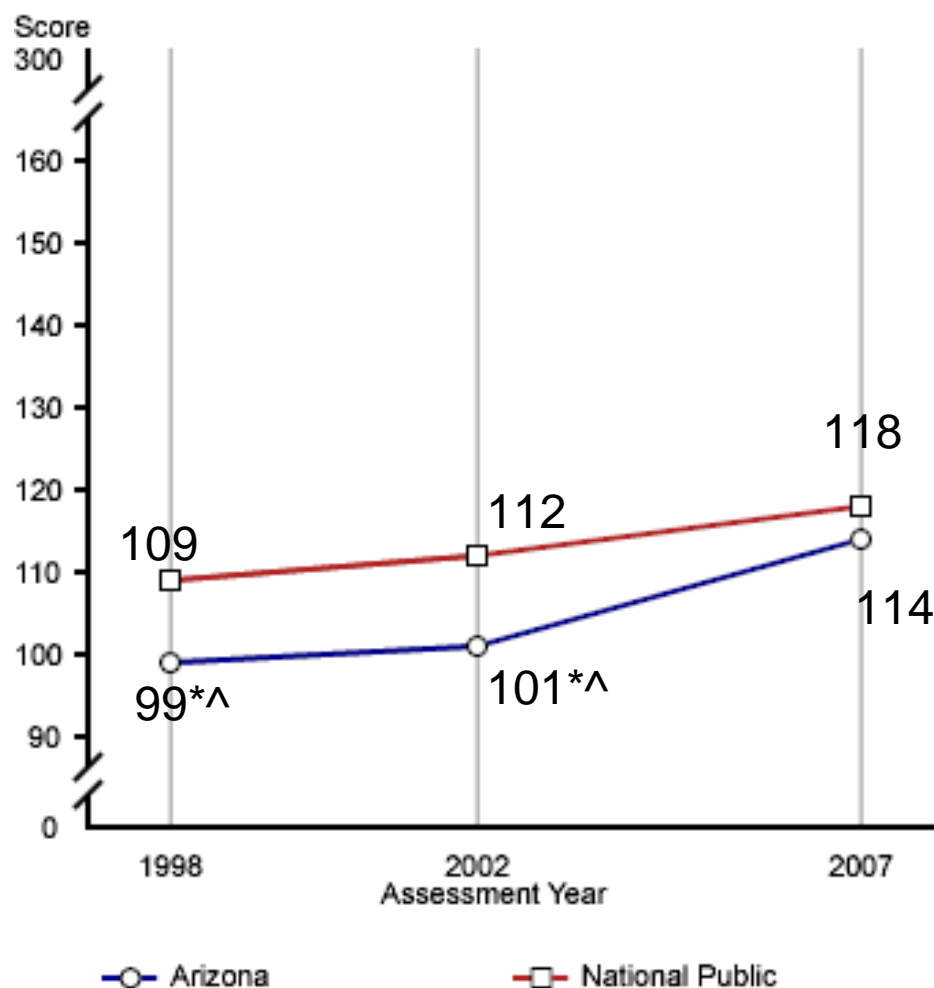
## Average Scale Scores

The 2007 average writing score for Arizona Grade 8 Students with Disabilities was 114. This score is significantly higher than past administrations of NAEP and relatively the same as the nation.

Writing scale ranges from 0 to 300.

^ Indicates significantly different from the Nation

\* Indicates significantly different from AZ 2007 score.



# Grade 8 Writing - Low SES

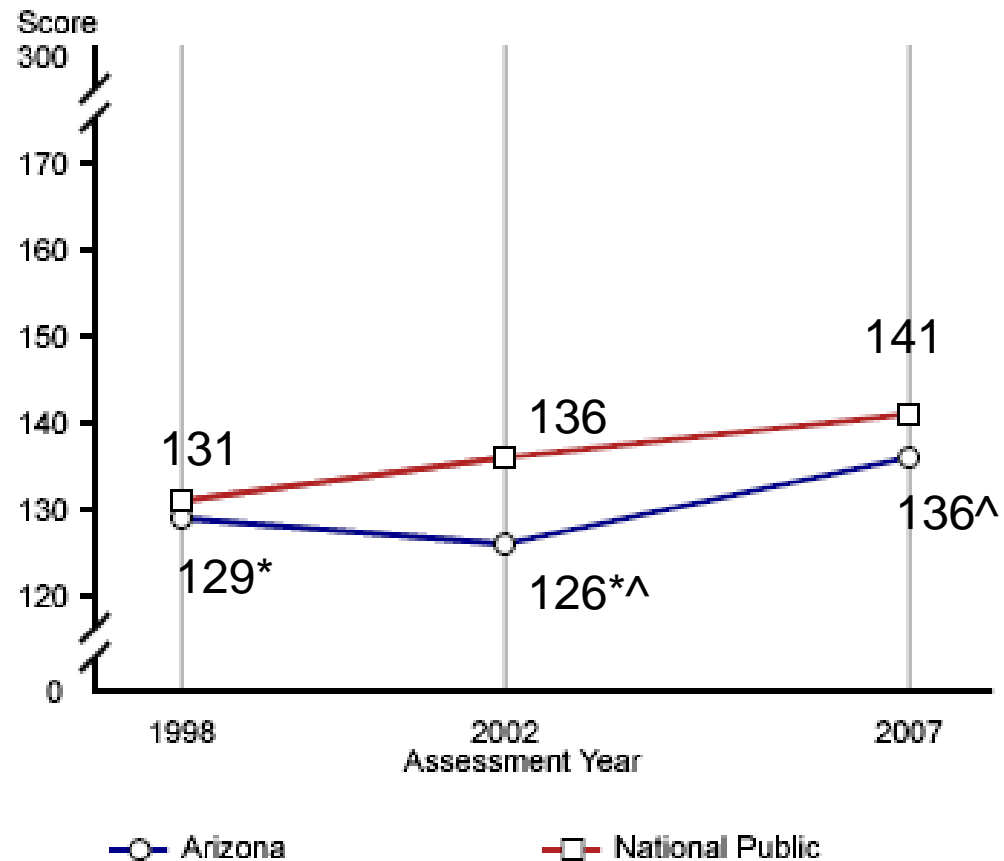
## Average Scale Scores

The 2007 average writing score for Arizona Grade 8 Students eligible for the School Lunch program scored a 136. This score is significantly higher than past administrations of NAEP and yet lower than the nation.

Writing scale ranges from 0 to 300.

^ Indicates significantly different from the Nation

\* Indicates significantly different from AZ 2007 score.



# Rate of Change (Growth)

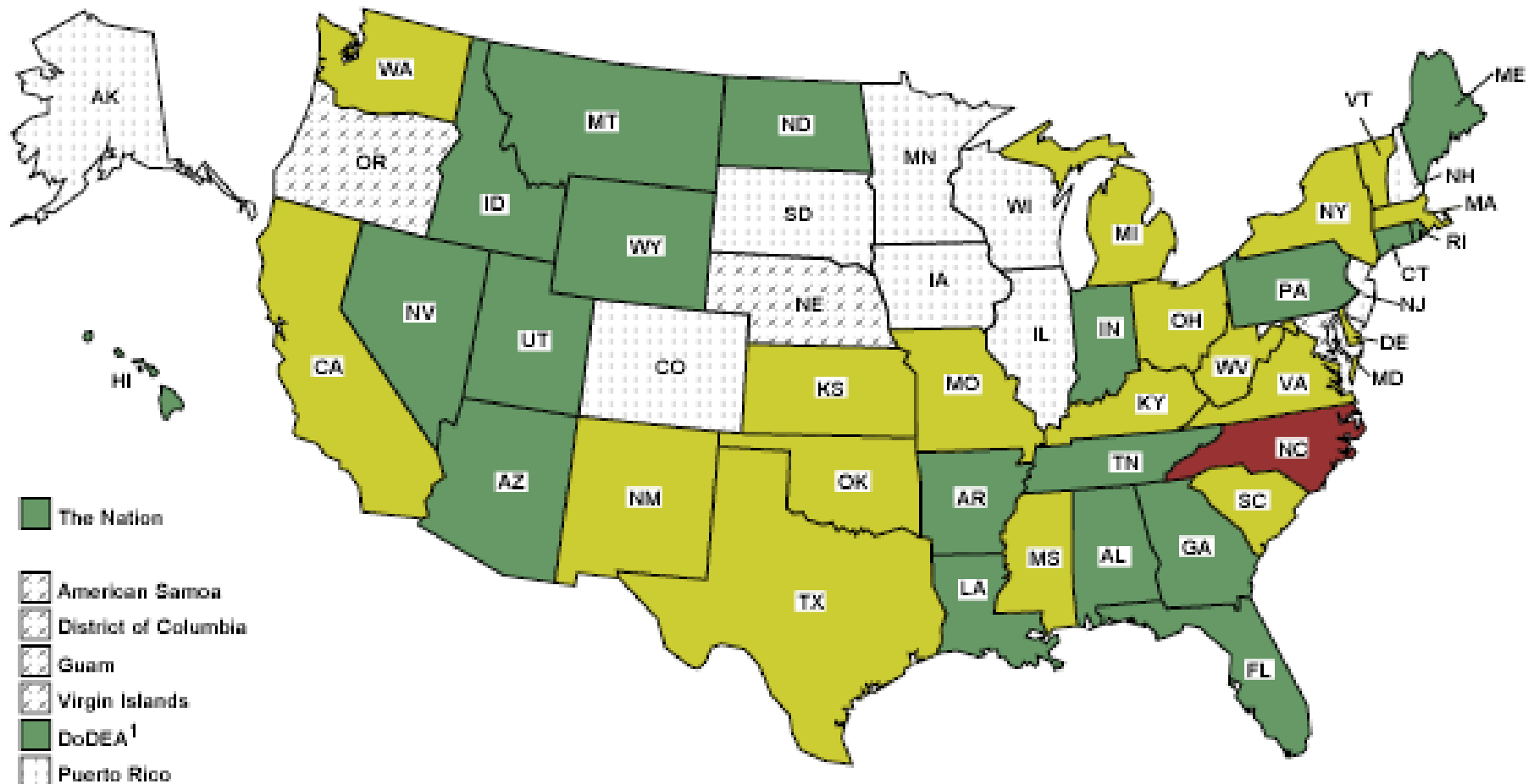
## Comparisons across States

- When comparing the rate of change for our **White** students we are 2<sup>nd</sup> in the nation for those states participating (2<sup>nd</sup> out of 38 states)
- When comparing the rate of change for our **Hispanic** students we are 6<sup>th</sup> in the nation for those states participating (6<sup>th</sup> out of 22 states)
- When comparing the rate of change for our **Low SES** students we are 7<sup>th</sup> in the nation for those states participating (7<sup>th</sup> out of 38 states)

---

*Rank 36<sup>th</sup> out of 46 states overall*

# Significant Increase from 2002 Grade 8, Writing (2007)



States	Overall - 2007 Scale Score	Statistical Significance
Arizona	148	Significance to Arizona
California	148	=
New Mexico	143	*
Texas	151	=

\*Indicates significantly different from AZ 2007 score.

=Indicates not significantly different from AZ 2007 score.

States	ELL - 2007 Scale Score	Statistical Significance
Arizona	114 (2.4)	Significance to Arizona
California	120 (1.6)	*
New Mexico	120 (2.5)	=
Texas	109 (2.2)	=

\*Indicates significantly different from AZ 2007 score.

=Indicates not significantly different from AZ 2007 score.



States	Low SES - 2007 Scale Score	Statistical Significance
Arizona	136	Significance to Arizona
California	136	=
New Mexico	137	=
Texas	140	*

\*Indicates significantly different from AZ 2007 score.

=Indicates not significantly different from AZ 2007 score.